

HILBERT ADVANTAGES OVERVIEW



A Disruptive Technology where Speed Translates into Profits

Speed, Flexibility, Scalability, Security are the essential design criteria of the Hilbert Solution.

Because of a disruptive and new way of storing, managing and retrieving data, implemented through a highly eclectic folio of software, hardware, and scientific methods and algorithms, the Hilbert® solution performs data management and analysis at ultra high-speed over large and often distributed volumes of data.

But Speed, Flexibility, Scalability, Security must translate into business values and advantages to make you more competitive and profitable, to make you stronger.

See how Hilbert technology and solutions can be translated into competitive advantages and, increased profits for you.

SPEED with Querying nearly independent of Volume

The ultra-high performance Hilbert technology enables new ways of doing business in data management and analysis. Ad-hoc queries can be done without any specific data preparations, simulations can be run more frequently and search algorithms can be much more advanced. Speed in Hilbert means:

- Query is simple, direct and easy to validate (iterative search) – no special data preparation is required
- No time needed on query development, as it is iterative, on-the-fly and intuitive.
- Low performance dependency of data volume
- Speed advantages compared to current technologies can be measured in double digit multiples and not only in percentages
- Re-run queries and simulations more often because time is not a limit any more
- Consolidates database information “virtually”, without new DB creation

SECURITY in your Day-to-Day Business

Hilbert works in a secure environment and does not discard any of your operational data. Security in Hilbert means:

- Keeping your original data sources un-touched, no information is discarded even among disparate databases
- Data variants and data “failures” are tolerated

FLEXIBILITY with Data and Processes

Hilbert manages data differently and much more efficient in terms of speed as existing database and retrieving technology. All information is calculated into numbers and can be re-calculated from these numbers. This allows ultra high-speed search techniques and enables independency from the type of data, how it is stored, how it is organized and how much of it is analyzed.

Beside many other attributes Hilbert allows you to:

- Create Ad-hoc queries at any time without performance handicap
- Sort data “on-the-fly” without any preparation of the data or its storage structure
- Drill down into data with iterative progressions of searches and sorts
- Analyze data by ad-hoc connecting (joining) of data from different tables/sources
- Analyze all kind of structured or unstructured data at same speed: Microsoft Office, Outlook and Outlook-Express files (incl. attachments), Microsoft Office, Web-Pages, Adobe Acrobat pdf, Databases (dbf) and Database-Export files plus various other text files

RETURN-ON-INVEST is fast;

TOTAL COST OF OWNERSHIP is low

Hilbert technology is based on standard Intel based PCs/Servers. No special hardware or additional SW is required. You install the Hilbert Engine plus one of our applications and that's it! This simple approach translates into a fast return-on-invest and a low total cost of ownership during the lifetime of your Hilbert solution. With Hilbert you will:

- Get a fast return on invest and a low total cost of ownership
- Leverage existing HW investment or by commodity HW at a economical scale

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Advantages – only your imagination is the limit

You may say Speed, Flexibility, Scalability, Security – so what? Bring your daily challenges to mind and remove the scissors in your head which tell you all you cannot do because of missing resources, limitation of your data formats and organization or just the time it would consume and imagine that only your imagination is the limit.

With Hilbert's disruptive data management and analytics capability you can:

Marketing

- Customers with higher profit margin are now detectable
- Hidden Relationships between customer/product/regions are revealed

Sales/Services

- Better service through no waiting time
- Customer satisfaction increases - the right products are now offered
- Increased Sales profitability for up- or cross-sales or solutions
- Decision making based upon email, fax and contract information intelligence

Identity/Quality Management

- Accuracy, completeness, redundancy and fictitious checks of person data in one system
- Unparalleled identity match quality
- Trials can be run to iteratively refine your definition of data quality

Procurement

- Lower procurement cost and increased buying power in exploring new and unused information
- Broaden decision making base with email, fax and contract information intelligence
- Lower procurement cost through better use of negotiation facts

Finance

- Executives get answers to any query instantaneously and make real-time decisions.
- Business critical reports are available in minutes instead of days
- More robust results made possible by previously unrecognized correlations

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Business Processes

- Competitive advantage through faster reaction to business changes
- Exploration of new data intelligence through combination of structured and unstructured data
- “Stove pipes” of data are broken down so that multiple data sources can be combined to reveal business critical information
- Data is now analyzed quickly and accurately
- Now achieves regulatory compliance
- Executives can query the data without assistance from the IT department
- Mission-critical information is harvested from both structured and unstructured data
- Ultra High-Speed categorization

Bottom Line

- Lower cost of ownership
- More efficient and effective marketing campaigns are performed

About Hilbert

Pennsylvania based Hilbert Technology Inc. is an international provider of data management and analysis solutions for large and medium size enter-prises worldwide. The offering is based on the revolutionary, patented Hilbert Engine technology for the ultra high-speed access, manipulation, storage and analysis of large volumes of structured and unstructured data. The Hilbert solutions are offered as industry or process specific solutions. Organizations in public services, law, government, finance, communications, whole- and retail sales, transportation & tourism and chemical & pharmaceutical can employ Hilbert solutions to gain unparalleled speed in access and analysis over large data volumes.

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